

APPENDIX C

Specific Minimum Recommendations--Besser, Best Practices for Image Capture

original material	digital master			screen display			print display		
	resolution in longest dimension	color depth	file format	resolution in longest dimension ¹	color depth	file format	resolution in longest dimension	color depth	file format
B/W text document	6000 pixels 3000 pixels ²	8 bit grayscale	TIFF with lossless compression	1200 pixels 600 pixels	8 bit grayscale	GIF or JFIF	3000 pixels or 6000 pixels	8 bit grayscale	PDF or TIFF with LZW compression
Illustrations, Maps, Manuscripts, etc.	6000 pixels 3000 pixels	24 bit color	TIFF with lossless compression	300 pixels 800 pixels 1500 pixels 3000 pixels	24 bit color	JFIF, quality level 50	3000 pixels	24 bit color	JFIF, quality level 50-100
3-dimensional objects to be represented in two dimensions	6000 pixels 3000 pixels	24 bit color	TIFF with lossless compression	300 pixels 800 pixels 1500 pixels 3000 pixels	24 bit color	JFIF, quality level 50	3000 pixels	24 bit color	JFIF, quality level 50-100
35mm film, color negative or positive	6000 pixels 3000 pixels	24 bit color	TIFF or PhotoCD with lossless compression	300 pixels 800 pixels 1500 pixels 3000 pixels	24 bit color	JFIF, quality level 50	3000 pixels	24 bit color	JFIF, quality level 50-100
35mm film, B/W negative or positive	6000 pixels 3000 pixels	8 bit grayscale	TIFF or PhotoCD with lossless compression	300 pixels 800 pixels 1500 pixels 3000 pixels	8 bit grayscale	JFIF, quality level 50	3000 pixels	8 bit grayscale	JFIF, quality level 50-100
Medium to large format color photograph, negative, transparency or microfiche	6000 pixels 3000 pixels	24 bit color	TIFF or PhotoCD with lossless compression	300 pixels 800 pixels 1500 pixels 3000 pixels	24 bit color	JFIF, quality level 50	6000 pixels	24 bit color	JFIF, quality level 50-100
Microfilm, B/W	6000 pixels 3000 pixels	8 bit grayscale	TIFF with lossless compression	300 pixels 800 pixels 1500 pixels 3000 pixels	8 bit grayscale	JFIF, quality level 50	6000 pixels 3000 pixels	8 bit grayscale	PDF or TIFF with LZW compression

¹ The resource designer has considerable freedom to deviate from these recommendations to accommodate the presentation requirements of the individual collection.

² The lower resolution represents a minimum value. Material scanned at less than the minimum value is not considered to be archival quality. Every effort should be made to scan at the recommended, rather than the minimum, value.

